

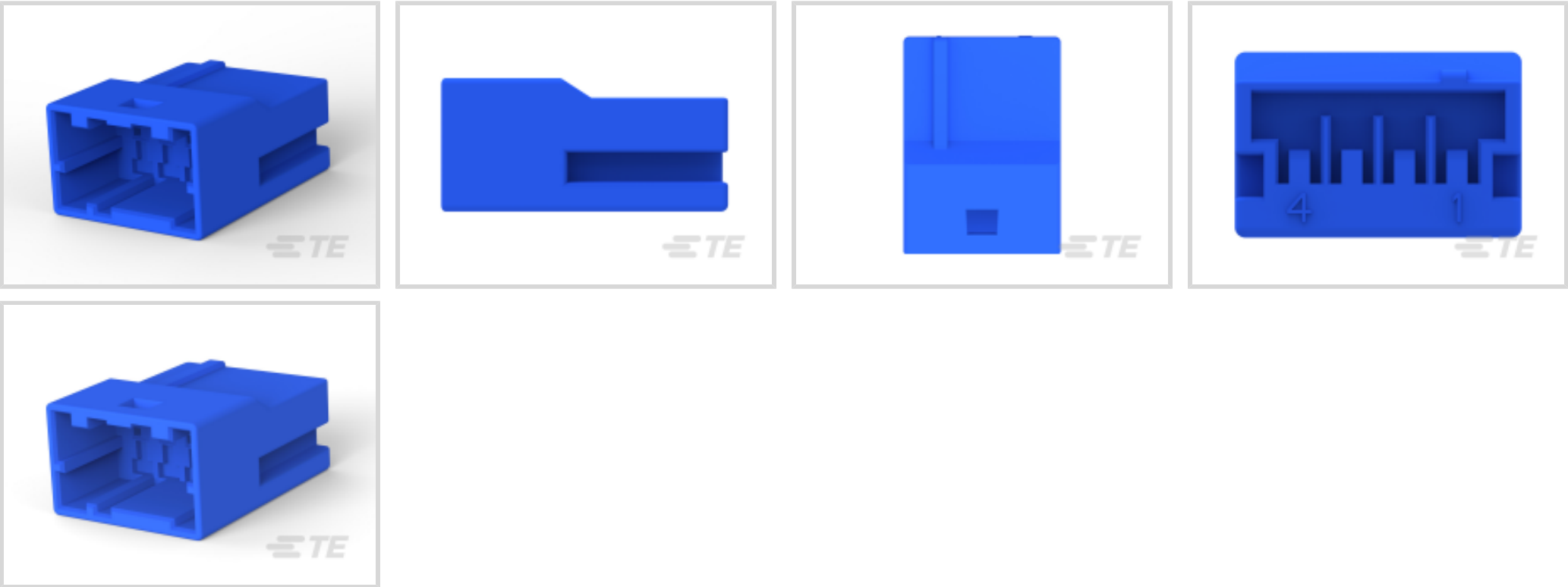


GRACE INERTIA 2.5

TE Internal #: 2-1903393-3
Housing, Receptacle, Wire-to-Wire, 4 Position, 2.5 mm [.098 in]
Centerline, Crimp, 1 Row, Blue, Mating Retention, Wire & Cable,
GRACE INERTIA 2.5

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Wire**
Number of Positions: **4**
Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Keying Code	C
Number of Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Layout	Inline
Contact Type	Socket



Contact Base Material	Copper Alloy
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	Both Ends Open
Housing Material	PBT GF
Centerline (Pitch)	2.5 mm[.098 in]
Housing Color	Blue

Dimensions

Connector Length	13.7 mm[.538 in]
Connector Height	8.8 mm[.346 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Quantity	500
Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
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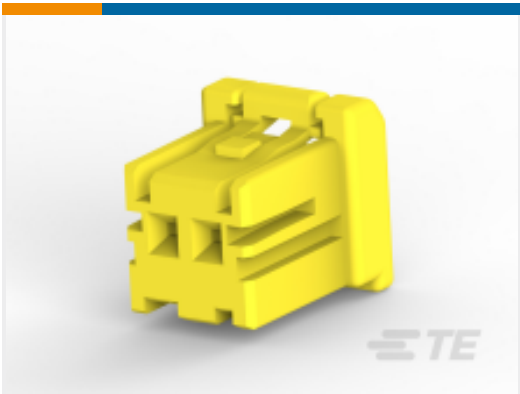


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

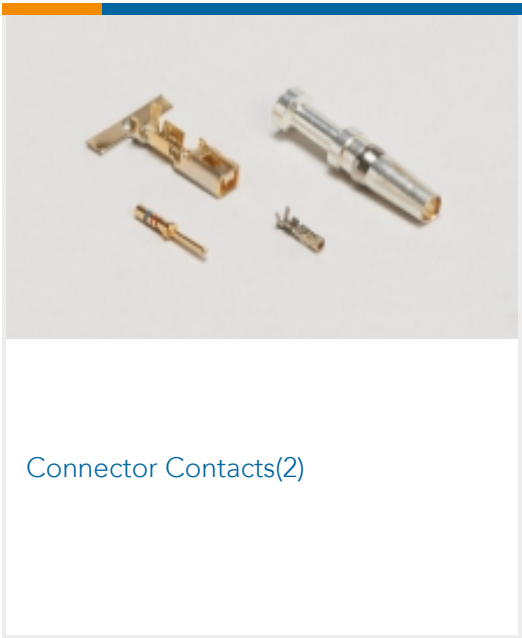
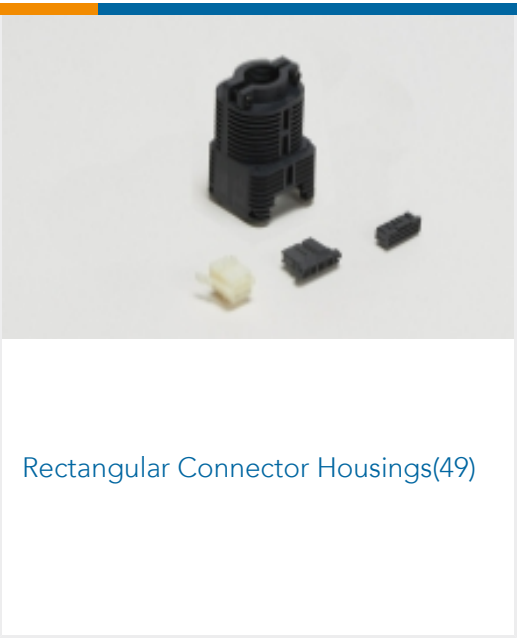
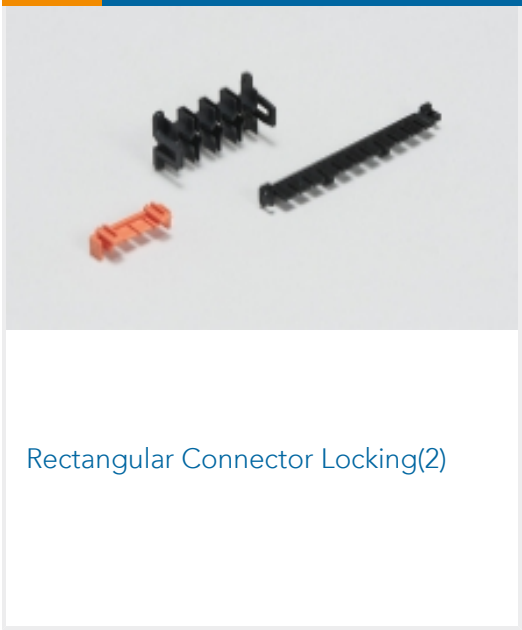
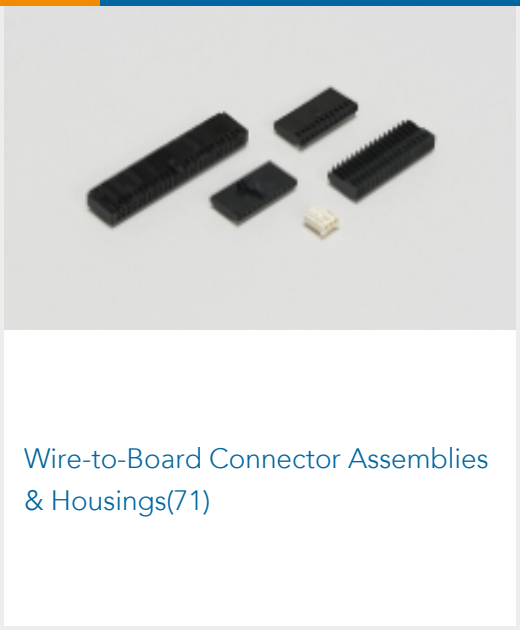
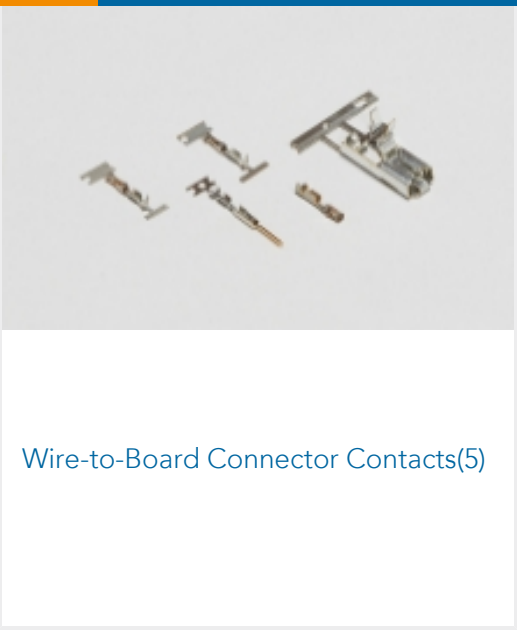
Compatible Parts

 TE Part # CAT-G7534A-P729 STD Temp Sig GRACE INERTIA Plug	 TE Part # 7-1747072-4 GRACE INERTIA CONN 2.5 ON TAPE HDR 4P BL	 TE Part # 4-1971798-1 NEW GI CONN2.5 HDR ASMBLY 4P NC D1.0	 TE Part # 1971032-4 4POS HEADER ASSEMBLY FOR GIC 2.0 EV
 TE Part # 6-1747072-4 GRACE INERTIA CONN 2.5 ON TAPE HDR 4P RE	 TE Part # 1747066-4 GRACE INERTIA CONN 2.5 PLUG HSG 4P NATUR	 TE Part # 2-1747066-4 GRACE INERTIA CONN 2.5 PLUG HSG 4P BLUE	 TE Part # 2-1747067-4 GRACE INERTIA CONN 2.5 HDR ASSY 4P BLUE



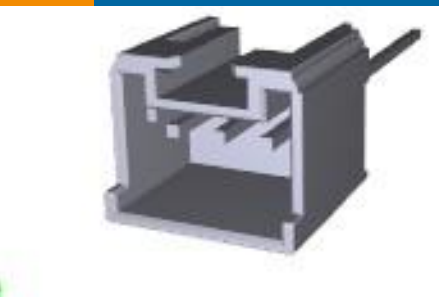
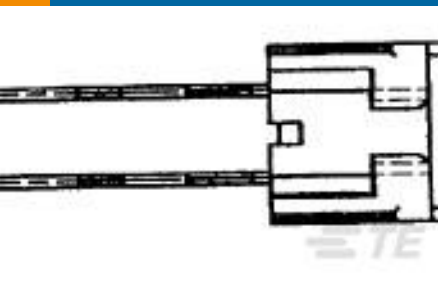
 TE Part # 1903392-1 GIC 2.5 W CAP HSG 3P NATURAL	 TE Part # 1871843-4 GIC2.5 HDR ASSY TIN VERSION 4P NATURAL	 TE Part # 1903390-1 GIC 2.5 W PLUG HSG 4P NATURAL	 TE Part # 1903389-1 GIC 2.5 W PLUG HSG 3P NATURAL
 TE Part # 1903391-1 GIC 2.5 W CAP HSG 2P NATURAL	 TE Part # 1-1971032-4 4POS HEADER ASSEMBLY FOR GIC 2.0 EV	 TE Part # 1903388-1 GIC 2.5 W PLUG HSG 2P NATURAL	 TE Part # 1-1903391-2 GIC 2.5 W CAP HSG 2P RED
 TE Part # 1-1903388-2 GIC 2.5 W PLUG HSG 2P RED	 TE Part # 5-1747072-4 GRACE INERTIA CONN 2.5 ON TAPE HDR 4P NA	 TE Part # 1981970-1 GIC2.5W PLUG HOUSING 8POS (2-ROW) NAT	 TE Part # 2134303-1 GIC 2.5 HDR ASSY TIN VERSION 2/4P

Also in the Series | GRACE INERTIA 2.5

 Connector Contacts(2)	 PCB Headers & Receptacles(138)	 PCB Latches, Locks & Retainers(5)	 Rectangular Connector Housings(49)
 Rectangular Connector Locking(2)	 Rectangular Power Connectors(35)	 Wire-to-Board Connector Assemblies & Housings(71)	 Wire-to-Board Connector Contacts(5)

Customers Also Bought



 TE Part #917688-1 SIGNAL DOUBLE LOCK PLUG HSG 4P NATURAL	 TE Part #917683-1 2.5 SIGNAL DBL LOCK REC CONT L	 TE Part #917700-1 2.5 SIGNAL D/LOCK D.L.P 4P	 TE Part #178482-1 UP 3.96 5P PLUG HSG NATRL
 TE Part #917723-1 2.5 SIGNAL D/LOCK HDR ASSY 3P	 TE Part #917724-1 2.5 S.D.LOCK HDR ASSY 4P H/PRO	 TE Part #917895-1 2.5 S.D.L STD V 3P HDR ON/TAPE	 TE Part #1939403-3 0.64 SMD 8P CAP ASSY V-TYPE
 TE Part #917894-1 2.5 S.D.L STD V 2P HDR ON/TAPE	 TE Part #917896-1 2.5 S.D L STD V 4P HDR ON/TAPE		

Documents

Product Drawings

GIC 2.5 W CAP HSG 4P BLUE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1903393-3_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1903393-3_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1903393-3_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications



Product Specification

English

Product Environmental Compliance

TE Material Declaration

English